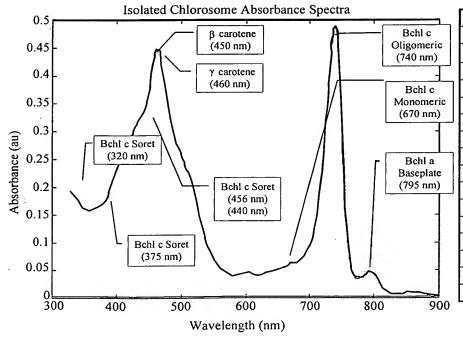


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Fig. 8



Component	Wavelength
Bchl c Soret	320 nm
valley	357 nm
Bchl c Soret	375 nm
Bchl c Soret	440 nm
β carotene	450 nm
Bchl c Soret	456 nm
γ carotene	460 nm
valley	580-650 nm
Bchl c monomer	670 nm
Bchl c oligomer	740 nm
valley	770 nm
Bchl a baseplate	795 nm
Bchl a B808	808 nm
valley	830 nm
Bchl a B866	866 nm
valley	900 nm

Fig. 9



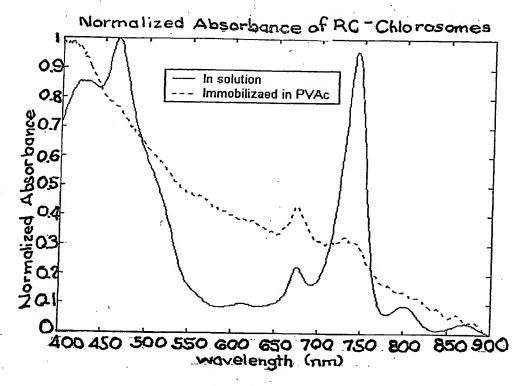


Fig. 9a

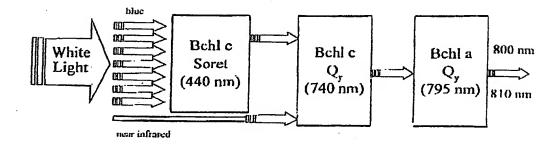


Fig. 10